

Name: ***Mycetocola saprophilus***
Authors: Tsukamoto et al. 2001
Status: New Species
Literature: Int. J. Syst. Evol. Microbiol. 51:942
Risk group: 1 (German classification)
Type strain: CM-01, DSM 15178, IFO 16274, NRRL B-24119

Author(s)	Tsukamoto, T., Takeuchi, M., Shida, O., Murata, H., Shirata, A.
Title	Proposal of <i>Mycetocola</i> gen. nov. in the family <i>Microbacteriaceae</i> and three new species, <i>Mycetocola saprophilus</i> sp. nov., <i>Mycetocola tolaasinivorans</i> sp. nov. and <i>Mycetocola lacteus</i> sp. nov., isolated from cultivated mushroom, <i>Pleurotus ostreatus</i> .
Journal	Int. J. Syst. Evol. Microbiol.
Volume	51
Page(s)	937-944
Year	2001

Genus: *Mycetocola* **FH 6452**
Species: *saprophilus*
Numbers in other collections: **DSM 15178**

Morphology:

	G	R
<u>ISP 2</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 4</u>	sparse	
	A	SP
	G	R
<u>ISP 5</u>	sparse	
	A	SP
	G	R
<u>ISP 6</u>	sparse	
	A	SP
	G	R
<u>ISP 7</u>	sparse	
	A	SP

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 28 °C

Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
-	-	(+)	+	-	(+)	(+)	-	-	-

Enzymes:

2 -	3 +	4 +	5 -	6 +	7 (+)	8 (+)	9 -	10 -	11 -	
12 -	13 +	14 +	15 -	16 +	17 +	18 (+)	19 -	20 -		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
-	+	+	-	-	+	+	-	-	(+)	-

Comments: Sand yellow on medium 5429 and beige on 5475



Mycetocola saprophilus

A and B – Agar plates medium 5006, 5265, 5315, 5429 and 5475



Mycetocola saprophylius

C – Api Coryne (upper) and Zym